



Question Paper For Practice Test Chemistry,Biology,Mathematics

Question-: 1 $\int \{[\sin^8 x - \cos^8 x] / [1 - 2 \sin^2 x \cos^2 x]\} dx = \underline{\hspace{2cm}}$.

Question-: 2 $\int x^2 dx / (a + bx)^2 = \underline{\hspace{2cm}}$

Question-: 3 A uniform chain of length L changes partly from a table which is kept in equilibrium by friction. The maximum length that can withstand without slipping is l, then coefficient of friction between the table and the chain is

Question-: 4 A block weighs W is held against a vertical wall by applying a horizontal force F. The minimum value of F needed to hold the block is